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        (FILE 'HOME' ENTERED AT 20:55:38 ON 19 MAY 2000)

        FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 20:56:03
        ON 19 MAY 2000
L1        12136 S SPA OR SCINTILLATION PROXIMITY ASSAY
L2        12136 S SPA OR (SCINTILLATION PROXIMITY ASSAY)
L3            0 S L2 (P) CHARGE CHARGE
L4            0 S L2 (P) CHARGE-CHARGE
L5            3 S L2 (P) (CHARG? (3A) INTERACT?)
L6            1 DUP REM L5 (2 DUPLICATES REMOVED)
L7           22 S L2 (P) ELECTROSTATIC
L8           14 DUP REM L7 (8 DUPLICATES REMOVED)


        FILE 'STNGUIDE' ENTERED AT 21:00:23 ON 19 MAY 2000
L9            0 S SCINTILLATION PROXIMITY ASSAY


        FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:01:28
        ON 19 MAY 2000
L10         748 S SCINTILLATION PROXIMITY ASSAY
L11           6 S L10 (P) CHARG?
L12           3 DUP REM L11 (3 DUPLICATES REMOVED)


        FILE 'STNGUIDE' ENTERED AT 21:02:27 ON 19 MAY 2000


        FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:03:18
        ON 19 MAY 2000
L13          22 S L10 (P) (POSITIVE OR NEGATIVE)
L14          28 S L10 (P) (POSITIV? OR NEGATIV? OR CATIO? OR ANIO?)
L15          16 DUP REM L14 (12 DUPLICATES REMOVED)


        FILE 'STNGUIDE' ENTERED AT 21:05:30 ON 19 MAY 2000


        FILE 'STNGUIDE' ENTERED AT 21:05:52 ON 19 MAY 2000


        FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:09:49
        ON 19 MAY 2000
L16           0 S L10 (P) ADSORB?
L17          20 S L10 AND ADSORB?
L18          20 DUP REM L17 (0 DUPLICATES REMOVED)
              E BROPHY G?/IN
L19           4 S E4-E6
              E BROPHY G?/IN, AU
L20          25 S E4-14
L21          23 DUP REM L20 (2 DUPLICATES REMOVED)
L22           4 S L21 AND L10
L23         181 S L10 AND KINASE
L24          81 S L10 (P) KINASE
L25          46 S L24 NOT STREPTAVIDIN
L26          26 DUP REM L25 (20 DUPLICATES REMOVED)


        FILE 'STNGUIDE' ENTERED AT 21:26:14 ON 19 MAY 2000


        FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:26:36
        ON 19 MAY 2000


        FILE 'STNGUIDE' ENTERED AT 21:26:37 ON 19 MAY 2000
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         FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:27:13
         ON 19 MAY 2000

         FILE 'STNGUIDE' ENTERED AT 21:27:13 ON 19 MAY 2000

         FILE 'STNGUIDE' ENTERED AT 21:27:19 ON 19 MAY 2000

         FILE 'STNGUIDE' ENTERED AT 21:32:11 ON 19 MAY 2000
L27            0 S L10 (P) DERIVAT?

         FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:34:41
         ON 19 MAY 2000
L28           19 S L10 (P) DERIVAT?
L29            0 S L10 (P) (DERIVAT? (6A) SURFAC?)
L30           11 DUP REM L28 (8 DUPLICATES REMOVED)

         FILE 'STNGUIDE' ENTERED AT 21:37:34 ON 19 MAY 2000
L31            0 S L10 AND ELECTROSTATIC

         FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:43:07
         ON 19 MAY 2000
L32            3 S L10 AND ELECTROSTATIC
L33            3 DUP REM L32 (0 DUPLICATES REMOVED)

         FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 21:47:15
         ON 19 MAY 2000
L34          735 S KINASE (P) SOLID (P) PHOSPHORYL?
L35            2 S L34 AND L10
L36            2 S L34 AND ELECTROSTATIC
L37          303 S OCTADECYL SULFATE
L38            0 S L37 AND L10
L39           33 S L10 AND CHARGED
L40            2 S L10 AND POLYANIO?
L41            7 S L10 AND POLYLYS?
L42            7 DUP REM L41 (0 DUPLICATES REMOVED)

         FILE 'STNGUIDE' ENTERED AT 21:58:08 ON 19 MAY 2000

         FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 22:02:25
         ON 19 MAY 2000
L43            6 S L10 AND (SURFACE (6A) ADSORB?)
L44            6 DUP REM L43 (0 DUPLICATES REMOVED)
L45         3885 S PEPTIDE (P) ELECTROSTATIC
L46         1309 S L45 (P) (SOLID OR SURFACE OR BEAD OR WELL)
L47          593 S L46 (P) (ASSAY OR MEASUR? OR DETERMIN?)
L48          316 S L46 (P) (ASSAY OR MEASUR?)
L49           60 S L46 (P) ASSAY
L50           27 DUP REM L49 (33 DUPLICATES REMOVED)

         FILE 'STNGUIDE' ENTERED AT 22:12:42 ON 19 MAY 2000

         FILE 'STNGUIDE' ENTERED AT 22:15:31 ON 19 MAY 2000

         FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 22:17:02
         ON 19 MAY 2000
L51          141 S L10 AND (WELL (2A) PLATE)
L52           61 S L10 AND ((WELL (2A) PLATE) (P) (DERIV? OR COAT? OR MODIF?))
L53           13 S L52 NOT (BIOTIN? OR STREPTAVIDIN)

         FILE 'STNGUIDE' ENTERED AT 22:21:49 ON 19 MAY 2000
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SUMM   Applications of scintillation counting incorporated into specifically
        designed assays have been termed **"scintillation
    proximity assays."** These depend on the necessity for
        the scintillant to be within a certain distance of a beta emitting
        radioactive isotope in order to emit light; the mean radiation distance
        of the beta emitter determines the distance required for the
scintillant
        to emit detectable light. By associating the scintillant with a reagent
        to be tested against a labeled substance, the interaction of the
        substance with reagent can be assessed. Either the analyte bears a beta
        emitting radioisotope, or is placed in competition with a labeled form
        or analog of the analyte for the reagent associated with scintillant.
        Such assays are described generally in U.S. Pat. Nos. 4,382,074;
        4,568,649; and 4,687,636. A typical approach involves a homogeneous
        immunoassay system wherein a scintillant is embedded in a particulate
        bead which is conjugated to an antibody. Substances immunoreactive with
        the antibody can be measured by competition with a radioactively
labeled
        form of the substance or its analog for the antibody coupled to the
        beads; the level of light emitted by the scintillant is thus inversely
        proportional to the analyte in the sample.

SUMM   U.S. Pat. No. 5,665,562, incorporated herein by reference, describes a
        scintillation based system for monitoring uptake of radioactively
        labeled substrates by cellular monolayers. In this macroscopic method,
a
    modified form of a 96-**well** microtiter **plate**
        is employed, whereby a region of the base portion of the wells is
        constructed of polystyrene containing a scintillant, such as
        2-(4-t-butylphenyl)-5-(4-biphenylyl)-1-3,4-oxadiazole (2%) and
        9,10-diphenylanthracene (0.5%). The plate is constructed so as to
        minimize or eliminate the passage of light from well to well. A
        monolayer of cells is **coated** in each well and the uptake of a
        radioactively labeled substrate is measured by the emission of light by
        the scintillant.

SUMM   Applying **scintillation proximity assays** to
        a microscopic format using appropriately small amounts of sample tissue
        or cells and correspondingly small amounts of test compounds and other
        reagents permits real time observation of transport of compounds across
        cellular membranes and of the effect of potential enhancers or